

400 Seventh St., S.W. Washington, D.C. 20590

Research and Special Programs Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY SPECIAL FORM RADIOACTIVE MATERIALS CERTIFICATE NUMBER USA/0192/S, REVISION 5

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency and the United States of America for the transport of radioactive materials.

- 1. <u>Source Identification</u> Isomedix Model No. ISO-1000, manufactured prior to June 30, 1998.
- 2. <u>Source Description</u> The source is a welded double encapsulation constructed of Type 304L stainless steel. Outer dimensions are 1.26 cm (0.497 in) diameter and 21.13 cm (10.68 in) length. Construction is to be in accordance with Union Carbide Corporation Drawing No. C-SK1887 (attached).
- 3. <u>Radioactive Contents</u> Not more than 26.64 TBq (720 Ci) of Cesium-137 as cesium chloride powder, per capsule.
- 4. Quality Assurance Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
- 5. Expiration Date This certificate expires July 31, 2008.

This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated February 13, 2003 submitted by MDS Nordion Inc., Kanata, Ontario, Canada, and in consideration of other information on file in this Office.

Robert A. McChire
Associate Administrator for
Hazardous Materials Safety

JUN - 9 2003

(DATE)

Revision 5 - Issued to extend the expiration date.

^{1 &}quot;Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

² Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.



